

Title (en)

Apparatus for measuring distance between eye tissues

Title (de)

Vorrichtung zum Messen der Entfernung zwischen Augengewebe

Title (fr)

Appareil de mesure de distance entre des tissus oculaires

Publication

EP 2329762 B1 20161005 (EN)

Application

EP 10193096 A 20101130

Priority

JP 2009274060 A 20091202

Abstract (en)

[origin: EP2329762A2] An eye distance measurement apparatus according to one aspect of the invention includes an interfering optical system that projects at least one piece of split light toward an examinee's eye, combines the split light, guides the combined light to a light receiving device and moves an optical member in order to adjust an optical path difference between the two pieces of split light, a mode switching unit that issues a mode switching signal for switching between a first measurement mode for moving the optical member at a first scanning rate and a second measurement mode for moving the optical member at a second scanning rate slower than the first scanning rate, and a calculation and control unit that measures an eye distance, based on an output signal of the light receiving device, obtained in the measurement mode corresponding to the mode switching signal.

IPC 8 full level

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